

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

12125-002001

Application No.

09/988,842

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant

Jan Johansson

Filing Date

November 19, 2001

Group Art Unit

1711 164

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
CS	AQ	Arnoux et al. "The crystal structure of HasA, a hemophore secreted by <i>Serratia marcescens</i> " <i>Nat. Struct. Biol.</i> 6:516-520 (1999)
CS	AR	Barsukov et al. "Three-dimensional structure of proteolytic fragment 163-231 of bacteriopsin determined from nuclear magnetic resonance data in solution" <i>Eur. J. Biochem.</i> 206:665-672 (1992)
CS	AS	Bode et al. "Structure of astacin and implications for activation of astacins and zinc-ligation of collagenases" <i>Nature</i> 358:164-167 (1992)
CS	AT	Booth et al. "Instability, unfolding and aggregation of human lysozyme variants underlying amyloid fibrillogenesis" <i>Nature</i> 385:787-793 (1997)

Examiner Signature

Date Considered

EXAMINER: initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 12125-002001

Application No. 09/988,742

Information Disclosure Statement by Applicant

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Applicant Jan Johansson

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Group Art Unit 1711 1647

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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
CS	AU	Cherfils et al. "Structure of the Sec7 domain of the Arf exchange factor ARNO" <i>Nature</i> 392:101-105 (1998)
CS	AV	Chiti et al. "Designing conditions for <i>in vitro</i> formation of amyloid protofilaments and fibrils" <i>Proc. Natl. Acad. Sci. USA</i> 96:3590-3594 (1999)
CS	AW	Chou et al. "Prediction of the Secondary Structure of Proteins from their Amino Acid Sequence" <i>Adv. Enzymol.</i> 47:45-148 (1978)
CS	AX	Dobson "Protein misfolding, evolution and disease" <i>TIBS</i> 24:329-332 (1999)
CS	AY	Esler et al. "Point Mutations in the Central Hydrophobic Cluster of a Human β -Amyloid Congener Disrupts Peptide Folding and Abolishes Plaque Competence" <i>Biochemistry</i> 35:13914-13921 (1996)
CS	AZ	Gomis-Ruth et al. "Structures of adamalysin II with peptidic inhibitors. Implications for the design of tumor necrosis factor α convertase inhibitors" <i>Protein Sci.</i> 7:283-289 (1998)
CS	AAA	James et al. "Solution structure of a 142-residue recombinant prion protein corresponding to the infectious fragment of the scrapie isoform" <i>Proc. Natl. Acad. Sci. USA</i> 94:10086-10091 (1997)
CS	ABB	Johansson et al. "The NMR Structure of the Pulmonary Surfactant-Associated Polypeptide SP-C in an Apolar Solvent Contains a Valyl-Rich α -Helix" <i>Biochemistry</i> 33:6015-6023 (1994)
CS	ACC	Johansson et al. "Pulmonary surfactant-associated polypeptide SP-C in lipid micelles: CD studies of intact SP-C and NMR secondary structure determination of depalmitoyl-SP-C(1-17)" <i>FEBS Lett</i> 362:261-265 (1995)
CS	ADD	Kallberg et al. "Prediction of Amyloid Fibril-forming Proteins" <i>Journal of Biological Chemistry</i> 276:12945-12950 (2001)
CS	AEE	Kelly et al. "2.8-A Structure of Penicillin-sensitive D-Alanyl Carboxypeptidase-transpeptidase from <i>Streptomyces</i> R61 and Complexes with β -Lactams" <i>J. Biol. Chem.</i> 260:6449-6458 (1985)
CS	AFF	Klunk et al. "Quantifying Amyloid β -Peptide ($A\beta$) Aggregation Using the Congo Red- $A\beta$ (CR- $A\beta$) Spectrophotometric Assay" <i>Anal. Biochem.</i> 266:66-76 (1999)
CS	AGG	Lansbury "Evolution of amyloid: What normal protein folding may tell us about fibrillogenesis and disease" <i>Proc. Natl. Acad. Sci. USA</i> 96:3342-3344 (1999)
CS	AHH	LeVine "Thioflavine T interaction with synthetic Alzheimer's disease β -amyloid peptides: Detection of amyloid aggregation in solution" <i>Prot. Science</i> 2:404-410 (1993)
CS	AII	Liemann et al. "Influence of Amino Acid Substitutions Related to Inherited Human Prion Diseases on the Thermodynamic Stability of the Cellular Prion Protein" <i>Biochemistry</i> 38:3258-3267 (1999)
CS	AJJ	Mandel et al. "Identification of protein-protein interfaces by decreased amide proton solvent accessibility" <i>Proc. Natl. Acad. Sci. USA</i> 95:14705-14710 (1998)
CS	AKK	Näslund et al. "Correlation Between Elevated Levels of Amyloid β -Peptide in the Brain and Cognitive Decline" <i>J. American Medical Association</i> 283:1571-1577 (2000)
CS	ALL	Pramanik et al. "Electrospray Ionization Mass Spectrometry for the Study of Non-covalent Complexes: an Emerging Technology" <i>J. Mass Spectrom</i> 33:911-920 (1998)
CS	AMM	Riek et al. "NMR structure of the mouse prion protein domain PrP(121-231)" <i>Nature</i> 382:180-182 (1996)
CS	ANN	Rosenzweig et al. "Geometry of the soluble methane monooxygenase catalytic diiron center in two oxidation states" <i>Chem. Biol.</i> 2:409-418 (1995)
CS	AOO	Salomon et al. "Nicotine inhibits amyloid formation by the beta-peptide" <i>Biochemistry</i> 35:13568-13578 (1996)

Examiner Signature *[Signature]* Date Considered 5/12/2003

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Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12125-002001	Application No. 09/988,842
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jan Johansson	
		Filing Date November 19, 2001	Group Art Unit 1711-1617

Other Documents (Include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
CS	APP	Selkoe "The Origins of Alzheimer Disease" <i>J. American Medical Association</i> 283:1615-1617 (2000)
CSW	AQQ	Sipe "Amyloidosis" <i>Annu. Rev. Biochem.</i> 61:947-975 (1992)
CSW	ARR	Smith et al. "Probing the Non-covalent Structure of Proteins by Amide Hydrogen Exchange and Mass Spectrometry" <i>J. Mass Spectrom</i> 32:135-146 (1997)
CSW	ASS	Soto et al. "Inhibition of Alzheimer's Amyloidosis by Peptides That Prevent β -Sheet Conformation" <i>Biochem Biophys Res Commun</i> 226:672-680 (1996)
CSW	ATT	Tjernberg et al. "A Molecular Model of Alzheimer Amyloid β -Peptide Fibril Formation" <i>J. Biol. Chem.</i> 274:12619-12625 (1999)
CSW	AUU	Tjernberg et al. "Arrest of β -Amyloid Fibril Formation by a Pentapeptide Ligand" <i>J. Biol. Chem.</i> 271:8545-8548 (1996)
CSW	AVV	Vandenbussche et al. "Secondary Structure and Orientation of the Surfactant Protein SP-B in a Lipid Environment. A Fourier Transform Infrared Spectroscopy Study" <i>Biochemistry</i> 31:9169-9176 (1992)
CSW	AWW	Wang et al. "Conformation of human serum apolipoprotein A-I(166-185) in the presence of sodium dodecyl sulfate of dodecylphosphocholine by H-NMR and CD. Evidence for specific peptide-SDS interactions" <i>Biochim Biophys Acta</i> 1301:174-184 (1996)
CSW	AXX	Zahn et al. "NMR solution structure of the human prion protein" <i>Proc. Natl. Acad. Sci. USA</i> 97:145-150 (2000)

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